

## ABSTRACT OF THE DISCLOSURE

A rubber thread composition contains a natural rubber and a synthetic isoprene rubber. The synthetic isoprene rubber has a cis-1,4 bond content of at least 90 %, a molecular weight distribution of the  
5 synthetic isoprene rubber has only a single peak, and a ratio  $M_w/M_n$  between a weight-average molecular weight  $M_w$  of the synthetic isoprene rubber and a number-average molecular weight  $M_n$  thereof is 2.5-3.7. A rubber thread is produced by shaping the rubber thread composition into a sheet, vulcanizing the sheet and cutting the sheet into threads. A thread-  
10 wound golf ball includes a center, a thread-wound core formed by winding the rubber thread around the center, and a cover wrapping the thread-wound core.